

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: MARTON, Luigi

SERIAL NO.:

FILED: Herewith

TITLE: APPARATUS INCLUDING A SUCKER WITH AUTOSELECTION FUNCTION FOR
HANDLING MATERIAL

PRELIMINARY AMENDMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In conjunction with the filing of the present application, and prior to an initial Official Action on this matter, please amend the above-identified application as follows:

Preliminary Amendment: SPECIFICATION AMENDMENTS

In Paragraph [0033], please amend the paragraph as follows:

Others advantages will appear from the following specific description of some preferred embodiments, with the aid of the enclosed schematic drawings, whose implementation details are not to be considered ~~limitative~~, restrictive, but only illustrative.

In Paragraphs [0034] to [0046], please amend the paragraphs as follows:

[0034] Figure 1 is a schematic view of a diagram of the apparatus that is the object of this invention in the rest position, which represents a plan of the pneumatic installation for the supply of the autoselection valve and of the sucker connected to it, cooperating with a Venturi effect vacuum generator, as well as the connecting circuit between them.

[0035] Figure 2 is a schematic view of a diagram of the apparatus that is the object of this invention as in Figure 1, in active position.

[0036] Figure 3 is a schematic view of a diagram of the apparatus that is the object of this invention, as in previous Figures in auto-relief position.

[0037] Figure 4 is a schematic view of a diagram of the apparatus that is the object of this invention, as in previous Figures in stand by / economy position.

[0038] Figure 5 is a schematic view of a diagram of the apparatus that is the object of this invention, as in previous Figures in a position of depression loss in the sucker.

[0039] Figure 6 is a schematic view of a diagram of the apparatus that is the object of this invention, as in previous Figures in a depression reactivation position.

[0040] Figure 7 is a schematic view of a diagram of the apparatus that is the object of this invention, as in previous Figures in a position of detachment from the piece.

[0041] Figure 8 is a schematic view of a diagram of the apparatus that is the object of this invention in the rest position, that represents a plan of the pneumatic installation for supplying the autoselection valve and sucker connected to it, cooperating with a vacuum pump, as well as the connecting circuit between the them.

[0042] Figure 9 is a schematic view of a diagram of the apparatus that is the object of this invention in rest position, that represents one variant of the plan of the pneumatic installation for supplying the auto-selection valve and sucker connected to it, cooperating with a Venturi effect vacuum generator, as well as the connecting circuit between them.

[0043] Figure 10 is a schematic view of a diagram of an apparatus with several suckers, supplied by a vacuum pump.

[0044] Figure 11 is a schematic view of a diagram of an apparatus with several suckers, supplied by a single Venturi effect vacuum generator.

[0045] Figure 12 is a schematic view of a diagram of an apparatus with several suckers, supplied by a corresponding number of Venturi effect vacuum generators.

[0046] Figure 13 is ~~an illustrative plan~~ a diagrammatic illustration of certain possible sucker working positions.